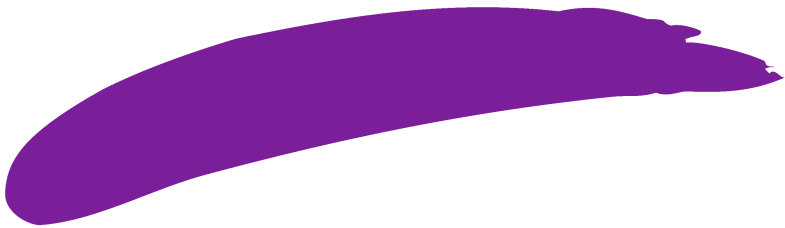


EXPLORE[®]



2012-2013 Profile Summary Report

**Code: 00378522
KENTUCKY DEPT OF ED
FRANKFORT, KY**

**State Report - Grade 8
KENTUCKY DEPARTMENT OF EDUCATION
Includes Standard and Extended Time Tested Students**

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INTRODUCTION

This report summarizes the performance of your students who took the EXPLORE academic assessment. This report includes results for only students who have valid composite scores and who tested under standard time limits (unless other arrangements have been made to include other students).

The information in this report is organized to assist you in addressing certain issues that are common among schools. You will see these issues stated in the form of questions at the top of each table. The questions and the information presented may assist you in drawing conclusions and making decisions about programs, policies, or educational practices in your school.

Numerous social, economic, and school factors are known to contribute to educational achievement. Relatively few of these factors are represented in this report. Conclusions about educational programs or policies at your school, based on your students' achievement, are best supported by additional sources of information.

In making decisions or drawing conclusions based on differences between groups of students, caution should be employed when using EXPLORE averages if the number of students in any group is less than 25. The validity of conclusions about student groups depends in part upon the accuracy of the information that is self-reported by the students at the time of testing.

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TABLE 1a: How do the EXPLORE scores of our students compare with those of students nationally?

EXPLORE score	English			Mathematics			Reading			Science			Composite			EXPLORE score
	Local		Nat'l	Local		Nat'l	Local		Nat'l	Local		Nat'l	Local		Nat'l	
	Freq	CP*	CP*	Freq	CP*	CP*	Freq	CP*	CP*	Freq	CP*	CP*	Freq	CP*	CP*	
25	602	100	100	545	100	100	498	100	100	1088	100	100	107	100	100	25
24	670	99	99	413	99	98	1658	99	98	1047	98	98	331	99	99	24
23	867	97	97	616	98	97	0	96	97	0	96	97	639	99	99	23
22	1118	96	95	892	97	96	0	96	95	1491	96	95	1025	98	98	22
21	1316	93	93	1181	95	95	2601	96	93	1683	93	93	1605	96	96	21
20	1454	91	89	1483	93	93	0	90	91	4206	89	90	2088	93	92	20
19	1708	88	85	1875	90	90	3018	90	88	2551	81	84	2927	88	88	19
18	3720	84	81	4477	86	84	2951	84	84	5439	76	75	3757	82	82	18
17	4152	77	75	5341	77	75	2815	78	79	8857	65	63	4483	75	74	17
16	4376	68	69	6185	66	64	2579	73	72	5682	47	49	5386	66	64	16
15	2215	60	61	6455	54	50	4585	67	64	5332	35	35	6030	55	53	15
14	4446	55	52	6461	40	36	5972	58	54	4977	24	24	6120	43	41	14
13	6293	46	42	5839	27	25	7030	46	44	4040	14	15	5537	30	29	13
12	3838	33	32	2497	16	16	5248	32	33	1349	6	9	4546	19	18	12
11	4986	26	23	2047	11	10	3707	21	23	0	4	5	3007	10	10	11
10	3941	16	15	1422	6	6	3354	14	14	945	4	3	1348	4	5	10
9	2987	8	9	941	4	4	2326	7	7	0	2	2	420	1	2	9
8	337	2	5	0	2	3	932	2	3	503	2	1	105	1	1	8
7	225	1	3	548	2	2	158	1	1	219	1	1	22	1	1	7
6	126	1	1	0	1	1	46	1	1	0	1	1	3	1	1	6
5	0	1	1	194	1	1	8	1	1	63	1	1	0	1	1	5
4	68	1	1	56	1	1	0	1	1	0	1	1	0	1	1	4
3	24	1	1	16	1	1	0	1	1	13	1	1	0	1	1	3
2	11	1	1	0	1	1	0	1	1	0	1	1	0	1	1	2
1	6	1	1	2	1	1	0	1	1	1	1	1	0	1	1	1
Mean	14.6		14.7	15.4		15.5	14.5		14.6	16.7		16.6	15.4		15.5	Mean
S.D.	4.0		4.2	3.4		3.5	3.8		3.9	3.3		3.3	3.2		3.3	S.D.
Local percentage of students in national quartiles																
National quartile	% of local		Score range	% of local		Score range	% of local		Score range	% of local		Score range	% of local		Score range	National quartile
75-100%	32		17-25	34		17-25	27		17-25	35		18-25	25		18-25	75-100%
50-74%	22		14-16	12		16-16	27		14-16	18		17-17	32		15-17	50-74%
25-49%	20		12-13	26		14-15	25		12-13	22		15-16	24		13-14	25-49%
1-24%	26		1-11	27		1-13	21		1-11	24		1-14	19		1-12	1-24%

*CP = Cumulative percent of students at or below a score point

Note: National normative data are based on results for students who took all four academic tests within standard time limits as part of a national study conducted in Fall 2010. See the EXPLORE Technical Manual at www.act.org for information about the 2010 national norming sample.

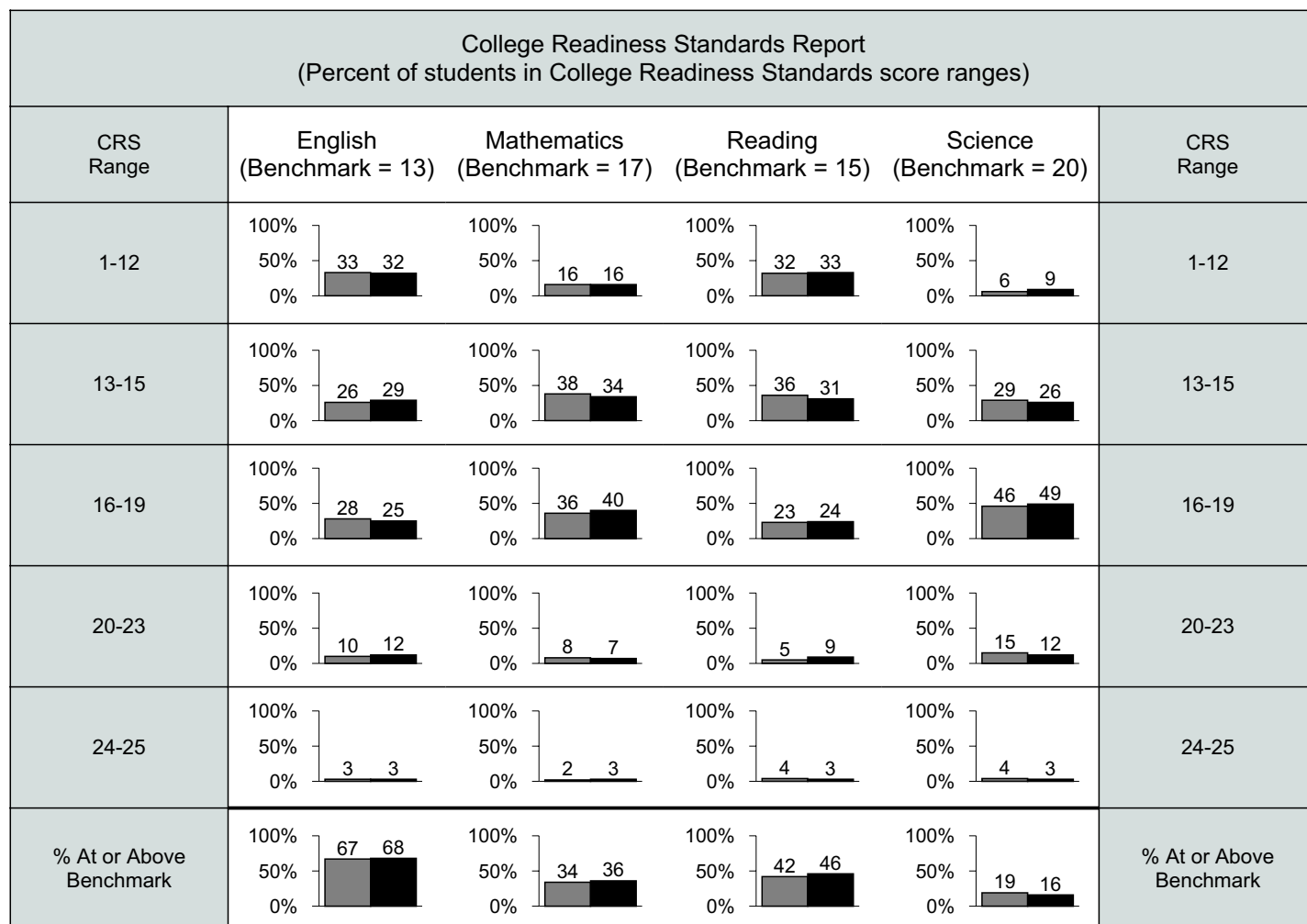
The national median for the EXPLORE composite score is 15.

TABLE 1b: How do the EXPLORE subscores of our students compare with those of students nationally?

EXPLORE subscore	Usage/Mechanics			Rhetorical Skills			EXPLORE subscore
	Local		Nat'l	Local		Nat'l	
	Freq	CP*	CP*	Freq	CP*	CP*	
12	2025	100	100	2913	100	100	12
11	1978	96	97	2932	94	97	11
10	5685	92	91	3407	88	92	10
9	10855	80	78	3973	81	83	9
8	7376	58	61	9102	73	70	8
7	6345	44	44	5043	55	54	7
6	5297	31	30	10257	45	37	6
5	4094	20	19	8071	24	21	5
4	3973	12	12	2225	8	10	4
3	1336	4	6	1127	3	4	3
2	292	1	2	366	1	1	2
1	230	1	1	70	1	1	1
Mean	7.6		7.6	7.3		7.3	Mean
S.D.	2.3		2.4	2.3		2.2	S.D.
Local percentage of students in national quartiles							
National quartile	% of local		Score range	% of local		Score range	National quartile
75-100%	42		9-12	27		9-12	75-100%
50-74%	15		8-8	29		7-8	50-74%
25-49%	24		6-7	21		6-6	25-49%
1-24%	20		1-5	24		1-5	1-24%

*CP = Cumulative percent of students at or below a score point

TABLE 1c: Are our students *On Track* to be college ready when they graduate from high school?



= Local = National

Notes: *Connecting College Readiness Standards to the Classroom* interpretive guides to use with this report can be found at www.act.org/standard/guides/explore. The College Readiness Standards can be found starting on page 8 of each content guide.

Local report group percentages can be compared with national reference group percentages. All percentages have been rounded to the nearest whole number.

The score ranges given in this report are linked to the College Readiness Standards, which describe what students who score in various score ranges are likely to know and to be able to do, and reflect the progression and complexity of skills in each test of the EXPLORE program. College Readiness Benchmark Scores have been developed for EXPLORE to indicate a student's probable readiness for entry-level college coursework by the time the student graduates from high school. The data from this report, along with the College Readiness Standards and Benchmarks and information from other sources, can be used to inform local instructional priorities.

TABLE 2: Do our students' EXPLORE scores differ by ethnic and gender groups?

Group	Number of students	English	Usage /Mech	Rhet Skills	Math	Reading	Science	Comp	% Planning core*
Total Group	49486	14.6	7.6	7.3	15.4	14.5	16.7	15.4	33
Black/African American	5152	12.6	6.5	6.2	13.7	12.7	15.2	13.7	22
American Indian/Alaska Native	66	13.7	7.2	6.8	15.0	13.9	16.1	14.8	32
White	40398	14.9	7.8	7.4	15.6	14.8	16.9	15.7	34
Hispanic/Latino	1795	13.3	6.9	6.6	14.7	13.5	16.0	14.5	31
Asian	599	15.6	8.0	7.8	17.5	15.7	18.2	16.9	41
Native Hawaiian/Other Pacific Islander	41	14.1	7.3	7.2	15.0	14.3	15.9	15.0	37
Two or more races	994	14.2	7.4	7.1	15.0	14.2	16.4	15.1	30
Prefer not to respond	10	12.9	6.4	6.9	14.6	13.3	15.8	14.1	70
Males	25324	14.0	7.3	7.0	15.3	14.0	16.5	15.1	32
Black/African American	2619	12.1	6.2	5.9	13.5	12.1	14.8	13.2	22
American Indian/Alaska Native	32	13.5	7.1	6.6	14.6	13.0	15.8	14.3	38
White	20763	14.3	7.5	7.1	15.5	14.2	16.7	15.3	33
Hispanic/Latino	927	13.0	6.7	6.5	14.8	13.2	15.8	14.3	31
Asian	293	15.1	7.7	7.5	17.6	15.2	18.2	16.7	39
Native Hawaiian/Other Pacific Islander	19	14.7	7.8	7.6	15.6	14.8	16.2	15.5	37
Two or more races	463	13.3	6.9	6.6	14.7	13.4	16.0	14.5	27
Prefer not to respond	5	11.8	6.2	5.6	14.4	12.0	15.8	13.4	80
Females	24133	15.2	8.0	7.6	15.5	15.0	16.9	15.8	34
Black/African American	2533	13.2	6.9	6.5	13.9	13.4	15.6	14.1	23
American Indian/Alaska Native	34	13.9	7.4	7.0	15.3	14.7	16.3	15.2	26
White	19634	15.6	8.2	7.8	15.7	15.3	17.1	16.1	36
Hispanic/Latino	868	13.6	7.0	6.8	14.7	13.8	16.3	14.7	30
Asian	306	16.1	8.2	8.0	17.3	16.2	18.1	17.1	42
Native Hawaiian/Other Pacific Islander	22	13.5	6.8	6.9	14.4	13.9	15.7	14.5	36
Two or more races	531	15.0	7.9	7.5	15.2	14.8	16.7	15.6	32
Prefer not to respond	5	14.0	6.6	8.2	14.8	14.6	15.8	14.8	60

*College core coursework: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science (see Glossary).

TABLE 3: How do our students' EXPLORE Composite scores and coursework plans relate to their educational plans?

Educational plans category	Number of students responding	Percent of all students	Percent planning college core coursework*	Mean Composite score	Percent in national Composite score quartiles			
					1-24%	25-49%	50-74%	75-100%
Do not plan to finish high school	207	0	21	11.8	74	14	10	1
No training planned after high school	674	1	28	12.8	52	26	18	4
Job training in the military services	2952	6	28	13.7	35	32	24	10
Apprentice / job training	855	2	28	13.2	43	32	18	7
Career / technical school	2071	4	28	14.0	30	32	28	10
2-year / junior college	2146	4	27	14.0	30	31	31	9
4-year college / university	14214	29	35	15.6	16	23	35	26
Graduate or professional study	17964	36	38	16.5	10	18	35	37
Undecided	4796	10	28	15.1	20	26	32	22
Other plans	2539	5	22	13.8	36	30	25	9
No response	1026	2	8	14.0	37	27	22	14

TABLE 4: How do our students' EXPLORE Composite scores and coursework plans relate to their expressed needs for help?

Needs area	Number of students responding	Percent of all students	Percent planning college core coursework*	Mean Composite score	Percent in national Composite score quartiles			
					1-24%	25-49%	50-74%	75-100%
Exploring options after high school	16842	34	32	15.7	18	21	32	29
Improving writing skills	15106	31	31	14.9	23	25	32	20
Improving reading speed or comprehension	13297	27	32	14.4	27	29	31	14
Improving study skills	17826	36	32	15.1	20	25	32	22
Improving mathematical skills	18567	38	30	14.6	24	28	32	16
Improving computer skills	9052	18	33	15.5	19	23	32	26
Improving public speaking skills	19678	40	33	15.8	16	22	34	29

*College core coursework: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science (see Glossary).

TABLE 5a: How do our students' EXPLORE Composite scores, coursework plans, and postsecondary plans relate to their career preferences from the Career Areas List?

Career preference category from Career Areas List	Number of students			Percent planning college core coursework*	Percent by educational plans					Mean Composite score
	Male	Female	Total		No HS/ No training	Appren./ Job train/ Military	Career/ Tech/ 2-yr coll.	4-yr coll. or more	Other/ Undecided	
Administration & Sales	4095	1110	5207	31	3	22	8	50	17	14.4
Employment-Related Services	331	154	485	21	10	13	8	47	21	13.4
Marketing & Sales	571	222	794	30	4	6	8	62	20	14.6
Management	829	293	1122	27	3	9	8	61	19	14.7
Regulation & Protection	2364	441	2806	33	2	33	7	43	15	14.4
Business Operations	485	332	817	26	4	8	11	64	14	14.4
Communications & Records	132	176	308	26	5	7	12	65	12	14.5
Financial Transactions	235	125	360	30	2	4	9	71	13	14.9
Distribution & Dispatching	118	31	149	20	4	16	13	44	23	13.2
Technical	7592	1736	9337	30	3	14	18	43	22	14.5
Transport Operation & Related	820	61	881	33	3	29	13	35	21	14.2
Agriculture, Forestry & Related	1065	759	1824	31	4	10	13	51	23	14.8
Computer & Information Specialties	1495	118	1614	30	2	6	17	54	21	15.6
Construction & Maintenance	1219	66	1285	30	4	18	18	39	21	13.9
Crafts & Related	454	576	1034	30	3	6	15	53	23	14.7
Manufacturing & Processing	508	60	569	30	4	18	28	30	20	13.7
Mechanical & Electrical Specialties	2031	96	2130	28	4	18	25	31	22	14.1
Science & Technology	6815	8227	15051	37	1	4	4	82	9	16.4
Engineering & Technologies	3153	308	3466	34	1	10	10	65	14	16.2
Natural Science & Technologies	1111	966	2078	36	1	3	4	76	15	16.7
Medical Technologies	719	1417	2137	37	0	2	2	91	5	16.4
Medical Diagnosis & Treatment	1575	5214	6790	39	0	1	2	91	6	16.4
Social Science	257	322	580	37	2	5	3	77	13	16.3
Arts	2364	5040	7406	33	1	4	8	63	24	15.8
Applied Arts (Visual)	847	1849	2698	33	2	5	10	59	24	15.7
Creative & Performing Arts	1313	2973	4286	32	1	3	7	64	25	15.7
Applied Arts (Written & Spoken)	204	218	422	39	1	2	6	73	18	16.7
Social Service	2250	6296	8549	36	1	3	6	78	11	15.5
Health Care	523	2283	2806	35	1	2	6	84	7	15.5
Education	721	1968	2689	38	1	2	5	81	12	15.8
Community Services	799	1371	2173	36	1	5	3	83	8	15.9
Personal Services	207	674	881	31	5	7	20	40	28	14.0
No response	721	549	1274	13	2	4	3	19	71	13.8
Invalid response given	1002	843	1845	19	3	8	10	61	18	14.5

*College core coursework: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science (see Glossary).

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TABLE 5b: How do our students' EXPLORE Composite scores, coursework plans, and postsecondary plans relate to their career clusters from the World-of-Work Map?

	Number of students				Percent by educational plans					
Career Cluster category from Interest Inventory	Male	Female	Total	Percent planning college core coursework*	No HS/ No training	Appren./ Job train/ Military	Career/ Tech/ 2-yr coll.	4-yr coll. or more	Other/ Undecided	Mean Composite score
First World-of-Work Career Cluster from Interest Inventory										
(02-03) Administration/Sales	2971	3607	6583	35	1	5	6	77	11	15.6
(04-05) Business Operations	3921	1979	5904	31	4	11	13	55	18	14.5
(06-07) Technical	7732	3205	10942	31	3	12	13	52	20	14.9
(08-09) Science & Technology	4508	4792	9307	34	1	6	6	69	17	16.1
(10-11) Arts	1730	4371	6103	33	1	4	6	72	17	16.1
(12-01) Social Service	2038	4146	6187	35	1	5	6	75	13	15.7
Second World-of-Work Career Cluster from Interest Inventory										
(02-03) Administration/Sales	1578	2113	3692	34	1	7	6	74	12	15.5
(04-05) Business Operations	3605	2205	5812	33	2	9	12	60	17	14.8
(06-07) Technical	4795	2161	6961	32	3	11	12	55	19	14.9
(08-09) Science & Technology	5072	3751	8827	33	2	8	8	65	17	15.8
(10-11) Arts	2913	4903	7819	33	1	5	7	69	18	16.0
(12-01) Social Service	1982	3917	5905	33	1	5	6	74	14	15.8
No Region	2424	2033	4460	30	2	8	8	60	21	14.7

*College core coursework: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science (see Glossary).

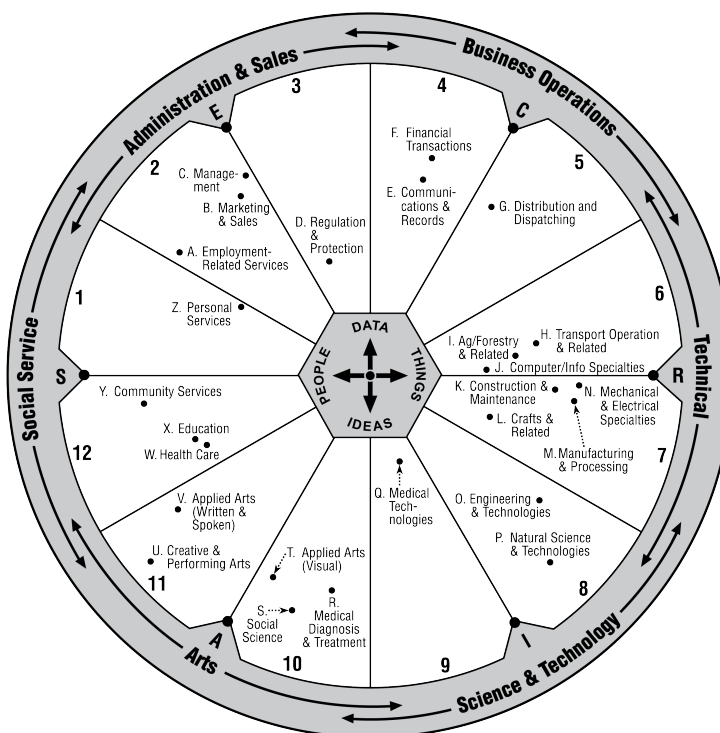


TABLE 6: How did our students respond to the local items?

Student Response														
	A		B		C		D		E		F		Blank	
Local Item	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1	29	0	4	0	7	0	15	0	1	0	3	0	49428	100
2	14	0	7	0	3	0	9	0	2	0	2	0	49450	100
3	6	0	2	0	8	0	6	0	1	0	0	0	49463	100
4	8	0	1	0	1	0	6	0	3	0	2	0	49466	100
5	4	0	5	0	7	0	1	0	2	0	3	0	49464	100
6	5	0	1	0	3	0	3	0	4	0	2	0	49468	100
7	5	0	2	0	2	0	3	0	4	0	3	0	49467	100
8	3	0	2	0	2	0	5	0	3	0	1	0	49470	100
9	5	0	9	0	1	0	1	0	1	0	0	0	49470	100
10	5	0	2	0	3	0	4	0	2	0	0	0	49470	100
11	8	0	2	0	5	0	5	0	0	0	2	0	49465	100
12	6	0	2	0	3	0	4	0	4	0	2	0	49466	100

Note: For report groups larger than an individual school, care must be taken when interpreting these local item results. Uniform use of the local items across schools must apply for meaningful table results.

Glossary

College Core Coursework

Core course work is defined as four or more years of English, three or more years of mathematics, three or more years of social studies, and three or more years of natural science. The following course lengths are assumed, unless otherwise specified by your students.

- English: Plan to take four years or more, with one year credit each for English 9, English 10, English 11, and English 12; one-half year credit for Speech.
- Mathematics: Plan to take three years or more, with one year credit each for Algebra 1, Algebra 2, Geometry; one-half year credit each for Trigonometry, Calculus (not pre-calculus), Computer Math, and Other Math courses.
- Social Studies: Plan to take three years or more, with one year credit each for U.S. History, World History, and American Government; one-half year credit each for Economics, Geography, Psychology, and Other History.
- Natural Science: Plan to take three years or more, with one year credit each for General/Physical/Earth Science, Biology, Chemistry, and Physics.

CP (Cumulative percent at or below)

The percentage of local or national students scoring at or below each scale score.